

## Summary

Home pregnancy test kits can now be purchased from most drug stores without a prescription. There are approximately more than 10 various kinds of one step home pregnancy test kits available. These tests are virtually the same as the urine pregnancy tests performed in most doctor's office and clinics. The home pregnancy tests are convenient, private, and, if performed properly, can be quite accurate.

During pregnancy a fertilized egg implanted in the uterus wall, A hormone, called human chorionic gonadotropin (HCG) is then produced by the developing placenta and excreted in the urine. The amount of HCG excreted in the urine rises rapidly during the first weeks of pregnancy. Home pregnancy tests are designed to detect this pregnancy hormone in woman urine.

One step Best midstream pregnancy test kits detect pregnancy by an immunological reaction. The antibodies are affinity purified Goat anti mouse IgG, affinity purified polyclonal antibody to HCG and affinity purified monoclonal antibody to HCG.

The test kit accuracy for pregnant women are 100% in laboratory test. The cross reactivity with LH is negative when LH level is less than 200 mIU/ml.

The data of our test kits compared with "Be sure" one step midstream pregnancy test kits, which were approved by FDA, indicates that the performance of both kits are very similar. Substantial equivalence should be determined.

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